

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jung Ah LEE et al.

Application No.: NEW APPLICATION

Filed: August 28, 2003

For: METHOD OF DETERMINING RANDOM ACCESS CHANNEL  
PREAMBLE DETECTION PERFORMANCE IN A  
COMMUNICATION SYSTEM

---

INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)

August 28, 2003

**MAIL STOP NEW APPLICATION**  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. COPIES**

Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

**III. CONCISE EXPLANATION OF THE RELEVANCE**  
(check at least one box)

**a.  DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

**b.  DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

**c.  OTHER**

For the Examiner's convenience, we attach hereto U.S. Patent No. , which is the corresponding U.S. equivalent of . Submission of the English language equivalent(s) is deemed to satisfy the requirement for a concise explanation of relevancy.

**FEES**

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

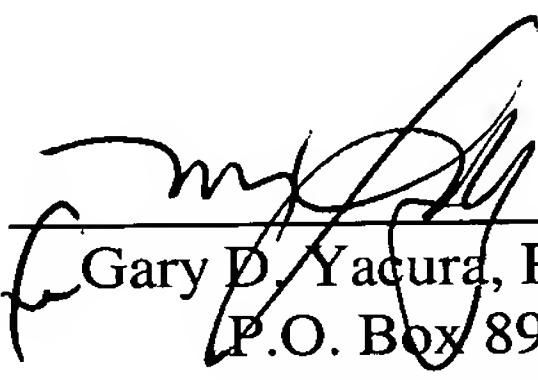
If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

New U.S. Application  
Docket No. 29250-000937/US

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C

By: 

45,274  
Gary D. Yacura, Reg. No. 35,416  
P.O. Box 8910

Reston, Virginia 20195  
(703) 668-8000

GDY/MJL/jj

Enclosures:  Form PTO-1449(s)  
 Documents  
 Fee

|  |  |                                    |                        |
|--|--|------------------------------------|------------------------|
| Form PTO-1449<br><br><b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br><br>(Use several sheets if necessary) |  | ATTY DOCKET NO.<br>29250-000937/US | APPLICATION NO.<br>NEW |
|  |  | APPLICANT<br>Jung Ah LEE et al.    | CONF. NO.<br>Unknown   |
|  |  | FILING DATE<br>August 28, 2003     | GROUP<br>Unknown       |

**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|------------------|-----------------|------|------|-------|-----------|----------------------------|
|                  |                 |      |      |       |           |                            |
|                  |                 |      |      |       |           |                            |
|                  |                 |      |      |       |           |                            |
|                  |                 |      |      |       |           |                            |
|                  |                 |      |      |       |           |                            |

**FOREIGN PATENT DOCUMENTS**

|  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION |    |
|--|-----------------|------|---------|-------|-----------|-------------|----|
|  |                 |      |         |       |           | YES         | NO |
|  |                 |      |         |       |           |             |    |
|  |                 |      |         |       |           |             |    |
|  |                 |      |         |       |           |             |    |
|  |                 |      |         |       |           |             |    |
|  |                 |      |         |       |           |             |    |
|  |                 |      |         |       |           |             |    |
|  |                 |      |         |       |           |             |    |
|  |                 |      |         |       |           |             |    |

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

|  |  |  |
|--|--|--|
|  | P. Choudhary, A. Ghosh, and L. Jalloul, "Simulate performance of W-CDMA random access channel,"<br>In ILLL Vehicular Technology Conference, vol.4, pp.2700-2704, Spring 2001 |  |
|  |  | 3GPP TS 25.211 Version 5.4.0, Physical channels and mapping of transport channels onto physical channels(FDD). Third Generation Partnership Project, June 2003 |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.